

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A tubular reaction vessel comprising a longitudinally-extending wall with a space thereinside, wherein a silicon deposition feedstock gas inflow opening and a deposited silicon discharge opening are provided at an upper portion and a lower end portion respectively, and a ~~flow resistance-increasing region is created~~ plurality of flow resistance-increasing regions are provided on a wall surface of the tubular reaction vessel that is contacted with a feedstock gas, wherein the plurality of flow resistance-increasing regions are at least one of protrudent and concave regions.

2. (Cancelled)

3. (Currently Amended) The tubular reaction vessel according to claim 1, wherein ~~the~~ each flow resistance-increasing region is a protrusion provided in the tubular reaction vessel, and an external wall of the reaction vessel is reduced in thickness ~~from the external wall~~ in the protrusion-provided area.

4. (Currently Amended) The tubular reaction vessel according to claim 1, wherein ~~the~~ each flow resistance-increasing region is a protrusion provided in the tubular reaction vessel, and the tubular reaction vessel is arranged to be heated by a high frequency heating coil and includes means for reducing high frequency energy from the high frequency heating coil in the protrusion-provided area relative to ~~the other area~~ a non-protrusion-provided area.

5. (Withdrawn)

6. (Withdrawn)